

7-6-82
12.3.8 v.3

Acts 4 12

**DIVISION OF
EDMUNDSON'S** **TRANSFORMER
CONSULTANTS**

P.O. Box 3575
Akron, Ohio 44310
Phone: (216) 929-2847
Outside Ohio (800) 321-9580

July 6, 1982

RE: PCB CONTENT RESULTS

Gentlemen:

Enclosed with this letter are the results of your PCB tests.

Please note that the Federal Register (Vol. 44, No. 106, May 31, 1979, p. 31537) defines these three classes of transformers: (1) PCB transformers (those units containing 500 ppm or greater PCB's); (2) PCB - contaminated transformers (those units containing 50 to 500 ppm PCB) and (3) Non-PCB transformers (those units containing less than 50 ppm PCB).

We have provided as an additional service to you color-coded labels for your transformers. These colors are: 1) YELLOW for PCB equipment; 2) ORANGE for PCB contaminated equipment, and 3) GREEN for non-PCB equipment. Only those units in category (1) PCB equipment are required by EPA to have labels.

The same Federal Register (page 31538) states: "EPA will not consider it to be good judgement to assume that the sample has less than 50 ppm PCB because the experimental error of the procedure overlaps the cut-off point. Through experimental data and by cross-checking with other laboratories, we have determined a deviation of $\pm 10\%$. For this reason we have established our limits as below 45 ppm for non-PCB's, 45-450 ppm for PCB contaminated oil and 450+ for PCB transformer oil.

A point to remember is that all samples other than transformer oil are classified as PCB's at 50 ppm or more.

A few of your test results may be reported using the following terms or abbreviation:

- ND - None Detected
- Trace - Less than 1 ppm
- UP - Unidentified Peaks - The result from the Chromatogram displayed major peaks NOT ASSOCIATED with PCB's normally found in electrical transformer fluid.

Very truly yours,

R. E. Moon

R. E. Moon
Chief Chemist

USEPA SF



1261047

REM/maf
Enclosures

AGC2F000152

6-24-82

Jim Swezey - Transformer Consultants

spec. Packhouse

10.11 -	#1	1604538	37.5	KVA	31 Gal	So. Side	West
19 Pow	#2	160 5734	✓	✓	✓	✓	Center
	#3	1605735	✓	✓	✓	✓	East
10.11 -	#4	SERR 8078	100	✓	93 Gal	Center	So.
13 Pow	#5	SERR 8078	✓		✓	✓	Center
	#6	1519783	✓	✓	✓	✓	No.
10.11 -	#7	1604543	25	✓	19 Gal	No Side	West
18 Pow	#8	1608302	✓	✓	✓	✓	Center
	#9	1607627	✓	✓	✓	✓	East

Incoming Power

#10	2-44583	1456 Gal	
#11	Load tap changer or oil switch	208 ✓	East End
#12	H 216538-68P	75 KVA	

Slurry Tank

#13	PCR-61541	981 Gal	
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Raw Mills

10.11 -	#14	1529971	200 KVA	154 Gal	West
2 Pow	#15	1529929	✓ ✓	✓	Center
	#16	1529926	✓ ✓	✓	East
10.11 -	#17	1606137	15 KVA	9 Gal	West
4 Pow	#18	1606070	✓ ✓	✓	Center
	#19	1606715	✓ ✓	✓	East

6-25-82

Hammer Head Crane

#20 E 686606

Clinker Silo Spare

SPC { #21
10.11 { #22
8 POW { #23

10.11 { #24
11 POW { #25
 { #26

Coal

#27 RHE 0282 1000 KVA 240 Gal

Kiln

10.11 {	#28	1068489	200 KVA	154 Gal	West
23 POW {	#29	1569110	✓ ✓	✓ ✓	Center
	#30	1529944	✓ ✓	✓ ✓	East
10.11 {	#31	no name Plate			East
25 POW {	#32	✓ ✓	✓		Center
	#33	✓ ✓	✓		West

Precip

#34	Sec 2	D 934201		South
#35	✓ 3	D 934202		Center
#36	✓ 1	D 934203		North
#37	✓ 4, 5	7346603	89 Gal	West
#38	✓ 6	No Name Plate		East


**TRANSFORMER
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TRANSFORMER OIL TEST RECAP SHEET

CUSTOMER Lone Star Cement STATE Seattle, Washington DATE 6/24/82MTL #75 OP Jim Swezey TOTAL UNITS TESTED 32 PT

								ASKARELS	
TC	GOOD	PROP A	MARGINAL	BAD	VERY BAD	EXTL BAD	CLASS 7	GOOD	BAD
1									
2									
3									
4				100E					
5				100E					
6				100E					
7									
8									
9									
10	1456								
11			208						
12	30								
13	981								
14									
15				150					
16									
17									
18									
19									
20		300E							
27	240								
28									



TRANSFORMER OIL TEST RECAP SHEET

CUSTOMER LONE STAR CEMENT STATE WA DATE 6-24-258

MTL 75 OP JIM SWEZEY TOTAL UNITS _____ TESTED _____ PT _____

								ASKARELS	
TC	GOOD	PROP A	MARGINAL	BAD	VERY BAD	EXTL BAD	CLASS 7	GOOD	BAD
1									
2									
3									
4				100 ^E					
5				100 ^E					
6				100 ^E					
7									
8									
9									
10	1456								
11			208				PCB TEST		
12	30						PCB TEST		
13	981						PCB TEST		
14									
15				150					
16									
17							PCB TEST		
18							PCB TEST		
19							PCB TEST		
20		300 ^E					FOR		
21	PCB ONLY			THA			ESS		
22	PCB ONLY			you			ACT 4:12		



TRANSFORMER OIL TEST RECAP SHEET

CUSTOMER LONE STAR CEMENT STATE WA DATE 6-25-82
MTL 75 OP JIM SWEZEY TOTAL UNITS 38 TESTED 38 PT

[illegible]